

Title (en)

Non-contact type power supply apparatus and non-contact type power supply method

Title (de)

Kontaktlose Stromversorgungsvorrichtung und kontaktloses Stromversorgungsverfahren

Title (fr)

Appareil et procédé d'alimentation de puissance de type sans contact

Publication

**EP 2871746 A1 20150513 (EN)**

Application

**EP 14275229 A 20141110**

Priority

- KR 20130136571 A 20131111
- KR 20140070058 A 20140610

Abstract (en)

A non-contact type power supply apparatus may include a power unit transmitting power to a power receiving apparatus in a non-contact type manner, a communicating unit communicating with the power receiving apparatus, and a controlling unit terminating communications with the power receiving apparatus in the case in which a communications signal level of the power receiving apparatus transmitted to the communicating unit is equal to or less than a reference signal level.

IPC 8 full level

**H02J 5/00** (2006.01); **H02J 7/02** (2006.01); **H02J 17/00** (2006.01); **H04W 4/80** (2018.01); **H04W 76/20** (2018.01)

CPC (source: EP US)

**H02J 50/10** (2016.02 - EP US); **H02J 50/80** (2016.02 - EP US); **H02J 50/90** (2016.02 - US); **H04W 4/80** (2018.01 - EP US); **H04W 76/20** (2018.01 - EP US)

Citation (applicant)

KR 20110009227 A 20110127 - QUALCOMM INC [US]

Citation (search report)

- [XP] EP 2800234 A2 20141105 - SAMSUNG ELECTRONICS CO LTD [KR]
- [Y] US 2013214735 A1 20130822 - KANG NOH-GYOUNG [KR], et al
- [Y] US 2013154387 A1 20130620 - LEE KYUNG-WOO [KR], et al
- [Y] KR 20130006363 A 20130116 - SAMSUNG ELECTRONICS CO LTD [KR] & EP 2731231 A2 20140514 - SAMSUNG ELECTRONICS CO LTD [KR]

Cited by

US10123154B2; WO2017112120A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2871746 A1 20150513**; US 2015133056 A1 20150514; US 9769869 B2 20170919

DOCDB simple family (application)

**EP 14275229 A 20141110**; US 201414536431 A 20141107